

PATRICK GILBERT MERCADO REYES

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EDUCATION

Duke University

May 2027 (expected)

Doctor of Philosophy in Psychology and Neuroscience
Cognitive Neuroscience Admitting Program (CNAP)
Advisor: Dr. Cristina Salvador

University of Delaware (UD)

June 2019

Bachelor of Science in Neuroscience, with Honors
Bachelor of Arts in Psychology
Cum Laude, 3.71 GPA

HONORS AND AWARDS

NSF Graduate Research Fellowship

2023 - present

One of 2,555 applicants awarded \$147,000 for three years of funding.

Charles Lafitte Foundation Program for Research in Psychology & Neuroscience (Duke University)

Oct 2023

\$1,250 awarded for travel to SPSP 2024 in order to
co-chair and present at a symposium.

Honorarium: Social & Affective Neuroscience Society (SANS)

May 2022

\$100 honorarium awarded to top 9% of abstracts in the SANS meeting.

Cum Laude (Latin Honors, UD College of Arts and Sciences)

Jun 2019

Awarded to top 13% of undergraduate graduating class.

Ackerman Award (UD, Dept. of Psychological and Brain Sciences)

Jun 2019

Awarded to a single student by unanimous faculty vote for excellence in the classroom and lab.

Dean's List, College of Arts and Sciences (UD)

Feb 2016 – June 2019

Awarded each semester for maintaining at least a cumulative 3.33 GPA.

UD General Honors Award

Oct 2017

Awarded for completing 18 Honors credits by Sophomore year, with a minimum of 12 completed Freshman year.

UD Summer Scholars Program

Mar 2018

Awarded a grant of \$4000 to conduct independent research in the Cognitive Neuropsychology Lab with Dr. Jared Medina.

Arak Journal Award (UD Department of English)

2017

One of six undergraduates chosen to have research paper included in the John & Frieda Arak Journal (UD Anthology of Student Writing).

PUBLICATIONS

Mende-Siedlecki, P., Goharзад, A., Tuerxuntuoheti, A., **Reyes, P.G.M.**, Lin, J., Drain, A. (2022). Assessing the speed and spontaneity of racial bias in pain perception. *Journal of Experimental Social Psychology*, 101, 104315. [\[Study\]](#) [\[OSF\]](#)

Medina, J., Theodoropoulos, N., Liu, Y., **Reyes, P.G.M.**, & Gherri, E., (2019) External coding and salience in the tactile Simon effect. *Acta Psychologica*, 198, 102874. [\[Study\]](#) [\[OSF\]](#)

MANUSCRIPTS UNDER REVIEW

Huang, Y., Miller, T., Awad, C., **Reyes, P.G.M.**, Tuerxuntuoheti, A., Mende-Siedlecki, P. Target Weight and Gender Moderate Anti-Black Bias in Pain Perception. Submitted to: *Social Psychological and Personality Science*. [\[OSF\]](#)

Haas, S., Mullin, G., Williams, A., Tuerxuntuoheti, A., **Reyes, P.G.M.**, Mende-Siedlecki, P. Racial bias in pediatric pain perception. Submitted to: *The Journal of Pain*.

MANUSCRIPTS IN PREPARATION

Goharзад, A., **Reyes, P.G.M.**, Qu-Lee, J., Drain, A., Lin, J., Tuerxuntuoheti, A., Mende-Siedlecki, P. (in prep). The neural bases of racial bias in pain perception. [\[OSF\]](#)

Drain, A., Goharзад, A., Tuerxuntuoheti, A., **Reyes, P.G.M.**, Lin, J., Hughes, B., Mende-Siedlecki, P. (in prep). Is racial bias in pain perception related to the out-group homogeneity effect? [\[OSF\]](#)

PRESENTATIONS

Symposium Chairmanships

White, C., **Reyes, P.G.M.**, (2024). Novel Methods and Applications for Measuring Cultural Distance Between Groups. *Co-Chairmanship*. To be presented at the annual meeting of *The Society for Personality and Social Psychology*, Feb 8-10, 2024.

Invited Talks

Reyes, P.G.M., White, C., Salvador, C. (2024). The West and the Rest: Cultural Distance and Variation in Global Values. *Part of symposium: "Novel Methods and Applications for Measuring Cultural Distance Between Groups"*. To be presented at the annual meeting of *The Society for Personality and Social Psychology*, Feb 8-10, 2024.

Reyes, P.G.M., Goharзад, A., Drain, A., Qu-Lee, J., Lin, J., Mende-Siedlecki, P. (2022). Racial Bias in Pain Perception is Associated with Divergent Patterns of Activity in Regions Supporting Social Perception. *Data Blitz*. One of 15 invited to present out of 162 abstract submissions. Presented virtually at the annual meeting of the *Social & Affective Neuroscience Society*, May 4-6, 2022.

Poster Presentations

Reyes, P.G.M., White, C., Salvador, C.E. (2023). The West and the Rest: Cultural Distance as a Tool to Examine Global Variation in Values. Presented at the Duke P&N First Year Festival. Apr. 15, 2023.

Reyes, P.G.M., Goharзад, A., Drain, A., Qu-Lee, J., Lin, J., Mende-Siedlecki, P. (2022). Racial Bias in Pain Perception is Associated with Divergent Patterns of Activity in Regions Supporting Social Perception. Presented virtually at the annual meeting of the *Social & Affective Neuroscience Society*, May 4-6, 2022.

*Tuerxuntuoheti, A., ***Reyes, P.G.M.**, Drain, A., Goharзад, A., Lin, J., Hughes, B., Mende-Siedlecki, P. (2022). Linking Racial Bias in Pain Perception to the Out-Group Homogeneity Effect. Presented virtually at the annual meeting of the *Society for Personality and Social Psychology*, Feb. 16-19, 2022.

*Tuerxuntuoheti, A., ***Reyes, P.G.M.**, Drain, A., Goharзад, A., Lin, J., Hughes, B., Mende-Siedlecki, P. (2021). Linking Racial Bias in Pain Perception to the Out-Group Homogeneity Effect. Presented virtually at the annual meeting of the *American Psychological Association*, Aug. 12-14, 2021.

Goharзад, A., **Reyes, P.G.M.**, Lin, J., Drain, A., Qu-Lee, J., Mende-Siedlecki, P. (2021). Neural underpinnings of racial bias in pain perception. Presented virtually at the *Delaware Neuroscience Symposium*, May 2021.

Reyes, P.G.M., Medina, J. (2018). Understanding Spatial Representation Using the Tactile Simon Effect. *University of Delaware Summer Scholars Symposium*, Aug. 9, 2018.

Departmental Talks

Reyes, P.G.M., White, C., Salvador, C.E. (2023). The West and the Rest: Cultural Distance as a Tool to Examine Global Variation in Values. Presented at Social Area Brown Bag in the Dept. of Psychology and Neuroscience of Duke University, Apr. 14, 2023.

*Denotes equal contributions.

RESEARCH EXPERIENCE

PhD Student, Duke University Aug 2022 – present
Duke Culture Lab, Dr. Cristina Salvador

CNAP Lab Rotation, Duke University Jan 2023 – May 2023
Duke Early Experience and the Developing Brain Lab, Dr. Michael S. Gaffrey

CNAP Lab Rotation, Duke University Aug 2022 – Dec 2022
Motivated Cognition and Aging Lab, Dr. Gregory Samanez-Larkin

Research Associate, University of Delaware Aug 2020 – Jul 2022
Mende-Siedlecki Lab, Dr. Peter Mende-Siedlecki

Research Associate, University of Delaware Aug 2020 – Jul 2022
Social Cognitive Emotive Neuroscience (SCEN) Lab, Dr. Philip Gable

Lab Manager, Stanford University July 2019 – July 2020
Culture and Emotion Lab, Dr. Jeanne L. Tsai

Undergraduate Research Assistant, University of Delaware Sept 2017 – June 2019
Cognitive Neuropsychology Lab, Dr. Jared Medina

UD Summer Scholar, University of Delaware Jun 2018 – Aug 2018
Cognitive Neuropsychology Lab, Dr. Jared Medina

TEACHING EXPERIENCE

Undergraduate Teaching Assistant, University of Delaware Feb 2016 – Dec 2016
PSYC314 (Brain and Behavior), Dr. Eric Roth

Chemistry Workshop Leader, University of Delaware Sept 2016 – Dec 2016
CHEM103/104 (Integrated General Chemistry)

SERVICE

Community Involvement

Affiliate Member, Project Brain Light Jul 2021 – Jul 2022

- Was involved with a graduate student group heavily invested in education and outreach for underrepresented Delaware students interested in neuroscience and other STEM careers.
- Participated as a UD lab manager after the group resumed operations post-pandemic.
- Activities included providing guest lectures and speaker panels in neuroscience classes for local high schools.

Member, UD Filipino Student Association (UD FSA) Sept 2015 – present

- Undergraduate student organization at UD to support Filipino students and celebrate Filipino culture.
- Member through all four years of undergrad, continued affiliation and participation after graduation.
- Activities included participation in social and networking events, cultural showcases, and mentoring initiatives
- Participate in career panels as a speaker and alumnus.

Ad-Hoc Reviewing

- Social Neuroscience
- Emotion
- Psychological Science

PROFESSIONAL TRAINING

Neuromatch Academy, Computational Neuroscience Neuromatch Academy (Los Angeles, CA), Jun 30 – Jul 23, 2021:

3-week virtual training workshop on computational neuroscience, research methods and programming using Python. Completed both the interactive track and an original research course project for the Academy.

PsychoPy 3-Day Workshop Open Sciences Tools, Ltd. (University of Nottingham, Nottingham, UK), Feb 24 – 26, 2021:

3-day virtual training workshop on research methods and programming at a postgraduate level using Python and PsychoPy.

AFNI Bootcamp NIH (Bethesda, MD), Nov 4 – 8, 2019:

5-day in-person training workshop on open-source analysis software for MRI, fMRI, and DTI.

MRI:

- Mende-Siedlecki Lab (Dr. Peter Mende-Siedlecki, University of Delaware)
- SCENLab (Dr. Philip Gable, University of Delaware)
- PSYC762: Functional Magnetic Resonance Imaging (Dr. Andrew Michael, Duke University; Jan 06 – Apr 14, 2023)
- PSYC653: Introduction to Functional Magnetic Resonance Imaging (Dr. Keith Schneider, University of Delaware; Aug 31 – Dec 10, 2021)
- Level 2 MRI Operator (University of Delaware, CBBI)
- Culture and Emotion Lab (Dr. Jeanne Tsai, Stanford University)
- Level 3 MRI Operator (Stanford University, Dept. of Psychology, CNI)
- Cognitive Neuropsychology Lab (Dr. Jared Medina, University of Delaware)

EEG:

- Duke Culture Lab (Dr. Cristina Salvador, Duke University)
- SCENLab (Dr. Philip Gable, University of Delaware)
- PSYC867: Affective Neuroscience (Dr. Philip Gable, University of Delaware; Feb 15 – May 18, 2021)

TMS:

- SCENLab (Dr. Philip Gable, University of Delaware)
- Cognitive Neuropsychology Lab (Dr. Jared Medina, University of Delaware)

SKILLS & TECHNICAL PROFICIENCY

Programming and Data Analysis: R, Python, SPSS, Statistica, Linux, HTML, CSS, MATLAB

Experimental Design and Stimulus Creation: PsychoPy, E-Prime, Qualtrics, Inquisit, FaceGen, Adobe Premiere Pro, Shotcut

Neuroimaging Analysis Software: FSL, AFNI, Niprep, Nistats, Nipype

Neurophysiological Software: BrainVision Recorder, BrainVision Analyzer 2

Languages: English (native), Tagalog (native), Spanish (advanced)

PROFESSIONAL AFFILIATIONS

Social and Affective Neuroscience Society (SANS)

Member: 2021 – present

Society for Personality and Social Psychology (SPSP)

Member: 2021 – present

American Psychological Association (APA)

Member: 2021 – present

REFERENCES

Dr. Cristina Salvador, *Assistant Professor*

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